

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-16 (canceled).

Claim 17 (original): A fiberoptic dental light probe, comprising:

a probe light guide body made from a single continuous fused fiberoptic rod

having an outer glass cladding which provides a seal for a bundle of fused optic fibers, said body having an elongate cylindrical proximal end, a distal end having a tapered tip, and an arcuate bent section interconnecting said ends;

said elongate proximal end of said body having a substantially constant diameter and said arcuate bent section and distal end having a diameter substantially equal to said proximal end except at said tapered tip which is reduced in diameter.

Claim 18 (original): A fiberoptic dental light probe according to claim 17, wherein said tapered tip is limited to about a 10 mm length of said distal end, and wherein said tapered tip tapers at an angle of about 15° from a central longitudinal axis extending through said tapered tip.

Claim 19 (original): A fiberoptic dental light probe according to claim 18, wherein said diameter of said proximal end, arcuate bent section, and distal end is within a range of about 13 to 8 mm except at said tapered tip which has an end surface with a diameter within a range of about 8 to 4 mm.

Claim 20 (original): A fiberoptic dental light probe according to claim 19, wherein said distal end extends at an angle of about 60° from a longitudinal axis of said proximal end.